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PATENT
Atty. Dkt. WHIT/0019.A

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Carl E. Whitcomb

Group Art Unit: 3643

Serial No.: 10/823,379

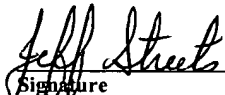
Filed: April 13, 2004

Examiner:

For: Plant Container Base With
Root-Directing Channels

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

CERTIFICATE OF MAILING	
37 C.F.R. 1.8	
I hereby certify that this correspondence is being deposited with the U. S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, PO Box 1450, Alexandria, Virginia 22313-1450 on this date below:	
7-13-2004	
Date	Signature

INFORMATION DISCLOSURE STATEMENT

Pursuant to the duty of candor and good faith set forth in 37 C.F.R. § 1.56, the Applicant hereby discloses on behalf of individuals associated with the filing and prosecution of the present patent application information that might be material to patentability. This disclosure is presented via the enclosed Form PTO-1449.

This disclosure is not intended to constitute an admission that any information is "prior art" with respect to the presently claimed invention.

Copies of the patents and publications cited among the disclosed information are enclosed herewith, with the exception of U.S. Patents & U.S. Patent Applications the requirement for copies of which has been waived by the Office Notice of July 11, 2003 (*if the present patent application was filed after June 30, 2003*).

In the event a fee is required in connection with the enclosed Information Disclosure Statement, the Commissioner of Patents and Trademarks is authorized to charge Deposit Account No. 50-0714/WHIT/0019.A for the necessary amount.

Respectfully submitted,



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U.S. Department of Commerce, Patent and Trademark Office

Docket No.

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LIST OF RELEVANT ART CITED BY APPLICANT

Applicant

(Use several sheets if necessary)

Carl E. Whitcomb

Filing Date

Group

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3643

U.S. Patent Documents

*Examiner Initial		Document Number	Issue Date	Name	Class	Subclass	Filing Date If Appropriate
	A1	754,948	Mar. 15, 1904	J. H. White			
	B1	1,011,445	Dec. 12, 1911	S. L. A. Killion			
	C1	2,829,742	Apr. 8, 1958	W. T. Wallace			
	D1	3,291,437	Dec. 13, 1955	G. F. Bowden, et al.			
	E1	3,951,294	Apr. 20, 1976	Clifford Arthur Wilson			
	F1	4,442,628	Apr. 17, 1984	Carl E. Whitcomb			
	G1	4,497,132	Feb. 5, 1985	Carl E. Whitcomb			
	H1	4,510,712	Apr. 16, 1985	Carl E. Whitcomb			
	I1	4,574,522	Mar. 11, 1986	Ralph E. Reiger, et al.			
	J1	4,716,680	Jan. 5, 1988	Carl E. Whitcomb, et al.			
	K1	4,730,953	Mar. 15, 1988	Paul L. Tarko			
	L1	4,753,037	Jun. 28, 1988	Carl E. Whitcomb			
	M1	4,939,865	Jul. 10, 1990	Carl E. Whitcomb; et al.			
	N1	5,099,607	Mar. 31, 1992	Peter A. Lawton			
	O1	5,241,784	Sep. 7, 1993	Elona I. Henry			
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Foreign Patent Documents

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Examiner	Date Considered
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	X1	D243,112	Jan. 18, 1977	Gross			
	Y1	D325,181	Apr. 7, 1992	Lee			
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	E2	4,173,097	Nov. 6, 1979	Staby			
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	W2	Carl Erwin Whitcomb, "Effects of Root Competition Between Trees and Turfgrass", An Abstract of a Dissertation submitted to the Graduate Faculty in Partial Fulfillment of The Requirements for the Degree of DOCTOR OF PHILOSOPHY, P- 1-3, 52	
	X2	Carl E. Whitcomb, Eliot C. Roberts, and Roger Q. Landers, "A Connecting Pot Technique For Root Competition Investigations Between Woody Plants Or Between Woody and Herbaceous Plants, Ecology, Vol. 50, No 2, Early Spring 1969, P- 326-328	
	Y2	Carl E. Whitcomb and Eliot C. Roberts, "Competition Between Established Tree Roots and Newly Seeded Kentucky Bluegrass", Agronomy Journal, Volume 65, January-February, 1973, p. 126-129	
	Z2	Ralph Reiger and Carl E. Whitcomb, "A Root Control System for Growing and Transplanting Trees", Ag Exp Sta Report, P- 843, 1983	
	A3	Carl Whitcomb, "Fabric liners to stop root circling in containers", unavailable paper published in 1983, but referenced on, p 341-342 of book by Carl Whitcomb, Plant Production in Containers II, 2003	
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	E3	Carl E. Whitcomb, "Growth of Carissa Grandiflora 'Boxwood Beauty' in varying media, containers and micronutrient levels", 9 pages, circa 1971	
	F3	Carl E. Whitcomb, Experiment #14, "Effects of Container Sidewall Porosity, Growing Media and Presence or Absence of Micronutrient Fertilizer on Root and Top Growth of Carissa Grandiflora Var. Boxwood Beauty", Nursery Problems Solutions Through Research, June 5, 1971	
	G3	Randy E. Davis and Carl E. Whitcomb, "Effects of Propagation Container Size On Development of High Quality Seedlings", Reprint from The International Plant Propagators' Society, Volume 25, 1975	
	H3	Robert S. Birchell and Carl E. Whitcomb, "Effects of Container Design on Root Development and Regeneration", Nursery Research Field Day, Ag Exp Sta, OK State Univ, October 1977, Research Report P-760	
	I3	Robert D. Hathaway and Carl E. Whitcomb, "The Effects of Root Malformation During Propagation on Growth and Survival of Bur Oak", Nursery Research Field Day, Ag Exp Sta, OK State Univ, October 1978, Research Report P-777	
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	K3	Elizabeth Williams and Carl E. Whitcomb, "Effects of Growing Media and Container Design on Growth of Tree Seedlings", Nursery Research Field Day, Ag Exp Sta, OK State Univ, October 1979, Research Report P-791	
	L3	John D. Gibson and Carl E. Whitcomb, "Producing Tree Seedlings in Square Bottomless Containers", Ornamentals South, August, 1980, P-12-15	
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	N3	Steve Wall and Carl E. Whitcomb, "A Comparison of Commercial Containers for Growing Tree Seedlings", Nursery Research Field Day, Ag Exp Sta, OK State Univ, October 1980, Research Report P-803	
	O3	Carl E Whitcomb, "Growing Tree Seedlings in Containers", Bulletin 755 January 1981 Agricultural Experiment Station Div of Ag, OK State Univ, P-18	
	P3	Carl E. Whitcomb, "An "Easy" Way to Grow Specimen Trees In The Field", Nursery Research Field Day, Ag Exp Sta, OK State Univ, October 1981, Research Report P-818	
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	R3	Carl E. Whitcomb, "Improving Root System Quality", Reprint from Research Report p-829 of the OK Ag Exp. Sta. October, 1982	
	S3	Ben Davis III and Carl E. Whitcomb, "Growing Pecan Seedlings in Containers", Reprint from Research Report P-829 of the OK Ag. Exp. Sta. October, 1982	
	T3	Robert D. Hathaway and Carl E. Whitcomb, "Nutrition and Performance of Container-Grown Japanese Black Pine Seedlings, J. Environ. Hort. 2 (1):9-12. March 1984	
	U3	Robert D. Hathaway and Carl E. Whitcomb, "Container-Grown Pecan Seedlings Good Nutrition, Root Pruning Technique to Get Seedlings Off to Quick Start", Pecan South, January 1985, P-14-19	
	V3	Carl E. Whitcomb, "Roots for The Future, The International Plant Propagators' Society, Combined Proceedings Volume 39, 1989, P-170-173	
	W3	Dr. Carl Whitcomb, "The Rootmaker Container", Florida Nurseryman October 1989, P-23-29	
	X3	"Container designed to aid plant's root development", Nursery Manager, April 1991, P-22	
	Y3	Carl E. Whitcomb, "Top Ten Points of Plant Propagation", Combined Proceedings International Plant Propagators' Society, Volume 48, 1988, P-558-561	
	Z3	Carl E. Whitcomb, "Avoiding the Staking Dilemma", published in the International Plant Propagators Soc. Proceedings, Volume 50, 2000	
	A4	Carl Whitcomb, "Seedling Development: The Critical First Days©", Combined Proceedings International Plant Propagators' Society, Volume 51, 2001 P--610-614	
	B4	Carl E. Whitcomb, "Containers vs. Poly Bags- Which are better?", Reprinted from the January 1, 1983, container production special issue of American Nurseryman	
	C4	Carl E. Whitcomb and Jerry D. Williams, "Stair-step Container for Improved Root Growth", HortScience 20(1) 66-67, 1985	
	D4	Dr. C. E. Whitcomb, "Effects of pot sizes on rooting of juniper cuttings", January 15, 1974, P-15, 73-74	
	E4	James D. Ward and Carl E. Whitcomb, "Nutrition of Japanese Holly during Propagation and Production", J. Amer. Soc. Hort. Sci 104(4)P-:523-526. 1979	
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	G4	Carl E. Whitcomb, Allan Storjohann and William D. Warde, "Micromax – Micronutrients for Improved Plant Growth", Reprints Volume 30 International Plant Propagators' Society Combined Proceedings for 1980, P-462-467	
	H4	Carl E. Whitcomb, Ralph Reiger and Mike Hanks, "Growing Trees In Wire Baskets", Journal of Ariculture 7 (6): June 1981, P-158-160	
	I4	Frank E. Babcock and Carl E. Whitcomb, "N-P-K Effects on Tree Seedling Growth", Agriculture Exp. Sta. OK State University Research Report P-843, 1983	
	J4	Carl E. Whitcomb, "Why Large Trees Are Difficult To Transplant", Journal of Arboriculture 9(2): February 1983, P-57-58	
	K4	Michael Carney and Carl E. Whitcomb, "Effects of 2 Slow-Release Fertilizers on the Propagation and Subsequent Growth of 3 Woody Plants", J. Environ. Hort. 1(3):P-55-58, September 1983	
	L4	Bonnie Lee Appleton and Carl E. Whitcomb, "Effects of Container Size and Transplanting Date on The Growth of Tree Seedlings", J. Environ. Hort. 1(4):P-89-93. December 1983	
	M4	C. Chris Threadgill, Carl e. Whitcomb and Ronald McNew, "Effects of Propagation Container Dimensions and Media on The Growth of 4 Nursery Crops", J. Environ. Hort. 3(3):P-126-131 September 1985	
	N4	Whitcomb, Carl E., "Plant Production in Containers", Copyright 1984 by Carl E. Whitcomb, revised 1988	
	O4	Whitcomb, Carl E. "Plant Production in Containers II", Copyright 1984 by Carl e. Whitcomb, revised 1988 and 2003	
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